

### SCIENTISTS SEE LIME RELICS FOUND HERE

Startling new discoveries made recently in the lime beds back of the Palos Verdes hills, south of Lomita, relative to the existence of 1,000,000 years ago of prehistoric land and water mammals, relics of the Pliocene Age, have caused a flutter of intense interest among scientific men the world over. So important have the fossil discoveries been considered in their relation to the evolution of man and the embellishment of present history of that period that scientists the country over have paid visits to the deposits recently.

At present under the supervision of David Starr Jordan, chancellor of Leland Stanford University, and the most noted living authority on prehistoric and present-day water mammals and sea life, classification is being made of the hundreds of specimens taken from the deposits.

The deposits, which belong to the Torrance Lime and Fertilizer company, are located in the foothills of the Palos Verdes range, facing the Wilmington-Redondo boulevard, just south of Lomita.

**Once Shore Line**

According to the consensus of opinion among scientists and geologists who have made extensive investigation of the lime bed, the shore line of the ocean originally was located along the present deposits. Living conditions in the warm waters near the shore were ideal for shellfish of all kinds and subsequent centuries saw these deposits increased by bones of whales, sharks, sea lions, and many land animals brought down by a stream through the valley. Then some subterranean disturbance in the bottom of the ocean thrust the present Palos Verdes range upward and in front of the old shore line, the deposits of sea life thus being shoved back inland.

Scientists and geologists have discovered twelve different elevations on the hills to prove this theory. Among hundreds of the specimens unearthed in the deposits and preserved for science through the co-operation of S. Maus Purple, general manager of the company, all of which date back 1,000,000 years, were the tusks of a sea lion, paw bones of a bear, shark teeth, vertebrae of a giant sloth, nasal bone and teeth of the imperial elephant, tusk of the saber tooth tiger and hippopotamus and bones of the five-toed horse.

**Bones May Be Man's**

Other bones peculiar to scientific knowledge have also been discovered in the deposits and have caused some belief that they might be the remains of prehistoric man. One important discovery was the identification by Dr. Jordan, according to Mr. Purple, of the tooth of the prehistoric crocodile, a native of Europe. How this animal succeeded in navigating southern waters here has caused considerable discussion, no logical explanation being made for its presence, Mr. Purple said.

On the 100-foot level of the San Pedro hill about opposite Tenth street in San Pedro, portions of a gigantic whale recently were excavated. These were carefully removed and taken to the museum at Exposition Park. Dr. L. E. Wyman, ornithologist at the museum, broke the vertebrae and for the first time known to science, according to Mr. Purple, four drops of the original oil were found in the bone.

Among other specimens of fossils are the three species of *Carodon*, the great white shark, also found in the lime beds. Some of the sharks that swarmed the surrounding water measured more than 120 feet in length, according to the estimate based on the comparison of teeth found in the lime-beds by Dr. Jordan. The belief was also expressed by Dr. Jordan that among the fossilized remains there were at least four varieties of sharks never before encountered in this country.

**Some Relics Ruined**

The presence of the deposits of fossils over thirty acres at an approximate depth of 250 feet, according to geologists. Constant blasting, incident to the business of the company, has caused many of the specimens to be ruined or recovered only in part, according to Mr. Purple. Additional deposits of prehistoric life are believed to be contained also in the lime beds extending into the Palos Verdes hills but these never have been developed or even opened.

The marl beds of the deposits, according to Mr. Purple, do not lie flat, but dip sharply, making an unconformity with the terrace gravels and showing clearly that the marl beds have been truncated by waves. The masses of shells in the deposits are lightly cemented together by the lime and organic matter of the mollusks that once lived in the shells and incidentally has greatly increased its value as a fertilizer.

A meeting was held last Monday at the Alexandria at which Dr. R. R. Snowden, chemist and agronomist, and others discussed the history of the deposits and their relation to the evolution of man. Several hundred fossil specimens have been shipped to Dr. Jordan for examination and study in conjunction with the book which he is writing detailing the value and history of the Torrance discovery.

**Find Shark Teeth**

Included in the specimens were 100 shark teeth varying in size from one-thirty-second of an inch to four inches in diameter, the latter, according to Dr. Jordan, being the largest known to science. A special visit to the deposits was also paid recently by Dr. Erickson, paleontologist of the Upland University at Stockholm,

### Give Wild West Show On New Torrance Tract

Harry W. Roberts, formerly of the Roberts' cafe on Cabrillo street and now managing the El Prado apartments, has been appointed local agent for the Spindle Top tract east of Torrance.

This tract, originally of 74 acres, has been acquired by the W. W. Powers company and is being subdivided and sold by J. A. Phillips and F. J. O'Neill of Long Beach.

Thirty of the original 74 acres were recently leased to the Orange County Drilling company that has recently erected its first derrick on the tract.

The tract lies but a few blocks east of the Union Oil company's plant and it is the hope of the realty company that the sale of their lots will somewhat overcome the housing shortage for the tool employes, many of whom would live in Torrance if they could acquire homesites at a reasonable figure.

Sunday last the tract company gave a big circus and wild west show on the subdivision with free buses and free street car fares from Long Beach and Wilmington.

A large crowd took advantage of the offer and resulted in not only the sale of a large part of the tract but untold advertising for Torrance.

### "Jazz Bandits" At Midwinter Dance

The ladies of the Auxiliary of the American Legion will give the public something out of the ordinary at their next dance, which will be held on Saturday evening, January 27, in Legion hall, Torrance. Those who have attended the Auxiliary dances in the past have experienced pleasure at the well-planned programs, and each dance held something of interest for the patrons of these affairs.

But the dance to be held on the 27th of this month will outdo all the others. A gang of bandits will be on hand to furnish some wonderful dance music, and at the same time render some real entertainment along vocal lines. These are known as the "Jazz Bandits," and each one of them is an artist in his particular line.

The object of these dances is to raise money for the activities of the unit, and to create interest in the Auxiliary and the American Legion.

There will be no tickets printed or put into circulation for this affair, but admission will be collected at the door. The tariff for this dance will be one dollar per couple and twenty-five cents for extra ladies.

A large attendance is expected, and a good time is guaranteed those who attend.

### Records For Traffic Broken Here Sunday

All records for automobiles entering and leaving Torrance were shattered Sunday when the combined attraction of the opening of the Spindle Top tract east of the city and the construction work on the new derricks west of Torrance attracted thousands of auto parties to this city.

For several hours both before and after the staging of the "wild west show" by the Spindle Top concern, the roads entering Torrance from every direction were a slowly moving mass of vehicles. It is estimated that several thousand cars passed through Torrance from noon until dark.

So congested was traffic that both the regular and special night watchmen were compelled to regulate the stream of vehicles at the corner of Arlington and Carson under the direction of City Marshal Anderson.

Secretary Gadeky of the chamber of commerce stated the following day that during the entire afternoon he was besieged with inquiries from strangers as to local conditions and almost exhausted his stock of maps and chamber of commerce literature in an effort to satisfy the strangers' curiosity regarding the wonderful growth of Torrance.

Mrs. Pauline Harris and son of Vista Highlands were guests at a luncheon Thursday in Los Angeles, given at the "Ye Colonial Inn," Hamburgers, in honor of the Los Angeles "Carnation club."

Born to Mr. and Mrs. L. C. Miller of Gramercy avenue, a son, Friday, January 19, at the Seaside hospital, Long Beach. Both mother and babe are doing nicely.

Just before a man's wife talks him to death he hopes that his worst enemy will be the next one to marry her.

A snappy, jazzy Bandit Orchestra, late of the Orpheum circuit. Lots of sociability; a good clean, slippery floor and all the rest of the good things that make the American Legion Auxiliary dances so popular, are on the program for Saturday evening, January 27, adv.

### CLASSY CARD WILL BE SEEN NEXT WEEK

Bouts on Wednesday's Program Are Above Average

Farren vs. Reyes, at 118 pounds. Cyrus vs. Kid Mince, at 120 pounds. Young Nino vs. Sailor Mike, at 110 pounds. Jackson vs. Kid Nino, at 122 pounds. Young Ditto vs. Red Manning, at 130 pounds. Hackley vs. Clayton, at 122 pounds.

And there you are. That's the way they will shape up at the next Legion athletic tournament, and some fast sport is promised the loyal fight fans. Those who stayed away last Wednesday night missed a splendid card, but if they are the wise species of fan they will not miss the one on the cards for next Wednesday night.

Farren and Reyes are new to the fans, but both lads are known as scrappers of the first water, and from advance notices, we look for real action in the opener.

In the second number Nat Cyrus, the battling Indian, will take issue with Kid Mince in a return match, and as you all know the Chief as "some scrapper" and Mince as about the same, we will leave it to your judgment next Wednesday.

The third setree brings again to our attention that grand little lad with a grand little wallop, Kid Nino, (who made a holy show out of Sailor Griffo last week, and Sailor Mike of the Idaho. If Mike is wise he will try to get Nino with the first punch in the first round. Otherwise Nino is apt to teach him some astronomy.

Young Jackson couples up with Kid Nino, brother of Young Nino, in the fourth. The Kid has been unfortunate in his last two appearances here, and, although he can scrap all the way through the 12 minutes, he was matched with a boy who could take all he gave and at the same time inflict enough punishment to make the Kid slow up perceptibly. This is the Kid's chance to clean up, and he says he will.

Young Ditto mingles with Red Manning in the semi-windup, and both of them have the reputation of being able to stand the fans on their heads. These boys are to try for the main event at the next bouts, and as a main-event winner is sought after by the big clubs up town, there should be a regular Donnybrook fair match in this session.

Matchmaker Murphy pulled our ear down to his lips Monday and said, "Hist, hist, hist thou to muth. This windup will be the Angel's Serenade and Mendelssohn's Mazurka Gavotte all rolled up in one. Put that down on your pad."

We drew off a little and looked for evidences of moonlight, and not finding any we queried, "Hey, watcha mean? What's that geh-vot stuff you're wheezin'?"

"Say, fer a idioter of a paper—and a swell rag like the Herald—you're like a piece of Humberger cheese that's been standin' fer two thousand years. Don't you know what a geh-vot is? Let me illustrate with a epilude: I met a friend of mine up the street by the name of Levy and asked him if he was going to buy me a cigar, and he stopped still and looked funny at me and said, 'Eh, geh-vot?' So you see it's an exclamation of surprise when anybody asks a fellow to buy a cigar for him."

We acknowledged our lack of barber college education, and asked about this pair of scrappers for the windup and gleaned the information that both Hackley and Clayton are real topnotchers, and are going to give the fans next Thursday an exposition of big time boxing. Last August Clayton boxed and won from Harold Smith in the semi-windup of the card on which Ever Hammer and Benny Leonard battled. Smith had already beaten Pal Moore, and Clayton took Smith into camp. Hackley is one of the fastest feathers in the fleet, and is out to hang Clayton's scalp to his belt for the honor of the good ship Connecticut. Strange things happen in this boxing game.

### TO DARKEN HAIR APPLY SAGE TEA

Look Young! Bring Back Its Natural Color, Gloss and Attractiveness

Common garden sage brewed into a heavy tea with sulphur added, will turn gray, streaked and faded hair beautifully dark and luxuriant. Just a few applications will prove a revelation if your hair is fading, streaked or gray. Mixing the Sage Tea and Sulphur recipe at home, though, is troublesome. An easier way is to get a bottle of Wyeth's Sage and Sulphur Compound at any drug store all ready for use. This is the old-time recipe improved by the addition of other ingredients.

While wispy, gray, faded hair is not sinful, we all desire to retain our youthful appearance and attractiveness. By darkening your hair with Wyeth's Sage and Sulphur Compound, no one can tell, because it does it so naturally, so evenly. You just dampen a sponge or soft brush with it and draw this through your hair, taking one small strand at a time; by morning all gray hairs have disappeared, and after another application or two, your hair becomes beautifully dark, glossy, soft and luxuriant.

### License Plates Are Allotted To Auto Club

One hundred thousand state automobile license plates have been allotted to the Automobile Club of Southern California by the motor vehicle department, according to an announcement made yesterday. These plates will be issued by the motoring organization to its members. The club is co-operating with the motor vehicle department this year to facilitate a rapid handling of the plates after February 1.

Applications for 1923 state licenses are now being taken by the Auto Club for its members, and by this process a considerable burden will be lifted from the state office. Club members will also be enabled to secure their plates without the usual trouble of standing in line for hours.

L. A. Lawrence of the San Pedro Auto Club office was here last week taking orders for renewals.

### To Save Highways Is Serious Problem

If California highways are to be saved for the use of motorists hundreds of miles must be rebuilt immediately, according to an unofficial report made yesterday by Chairman Harvey M. Toy of the new state highway commission, and Louis Everding, one of the new commissioners, upon completion of a preliminary survey of road conditions between San Francisco and Los Angeles.

This statement was made to officials of the Automobile Club of Southern California during a "get-acquainted" visit of the highway commissioners here recently. A lengthy discussion covering highway affairs was held at the club headquarters in Los Angeles.

### HAMBONE'S MEDITATIONS

AM DODGED A MAN FUH DE LONGES' T KEEP OUT DOIN' SOME WORK FUH 'IM EN NOW ATTEH AH'S DONE DID DE WORK HE BIN DODGIN' ME!



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